

- STEP 10 DEPOSIT Re LAYER
- STEP 11 DEPOSIT Ru SALT LAYER
- STEP 12 HEAT Ru SALT TO FORM Ru LAYER
- STEP 13 HEAT Re AND Ru TO FORM ALLOY INTERLAYER
- STEP 14 DEPOSIT Re OVER INTERLAYER

FIG. 1

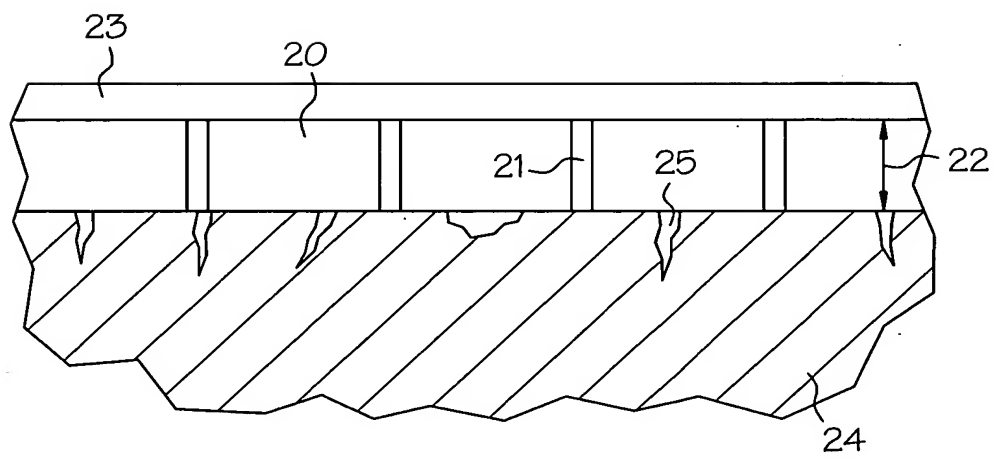


FIG. 2

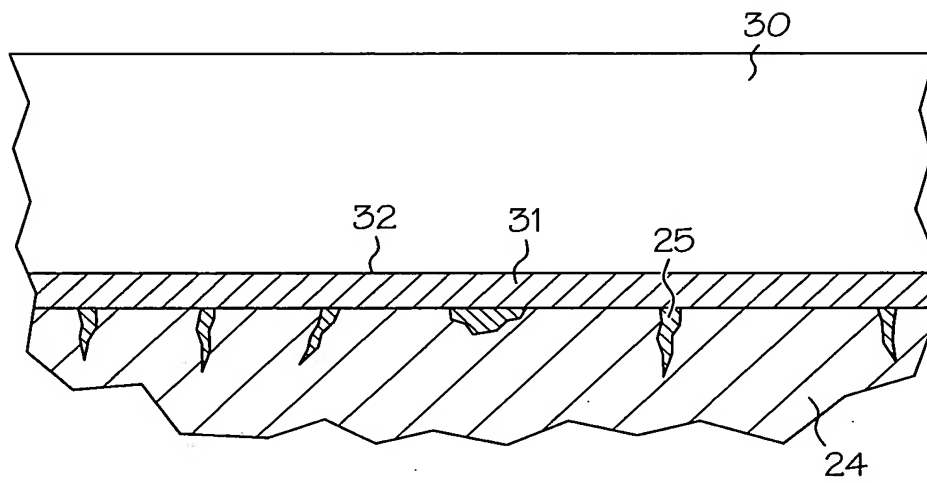
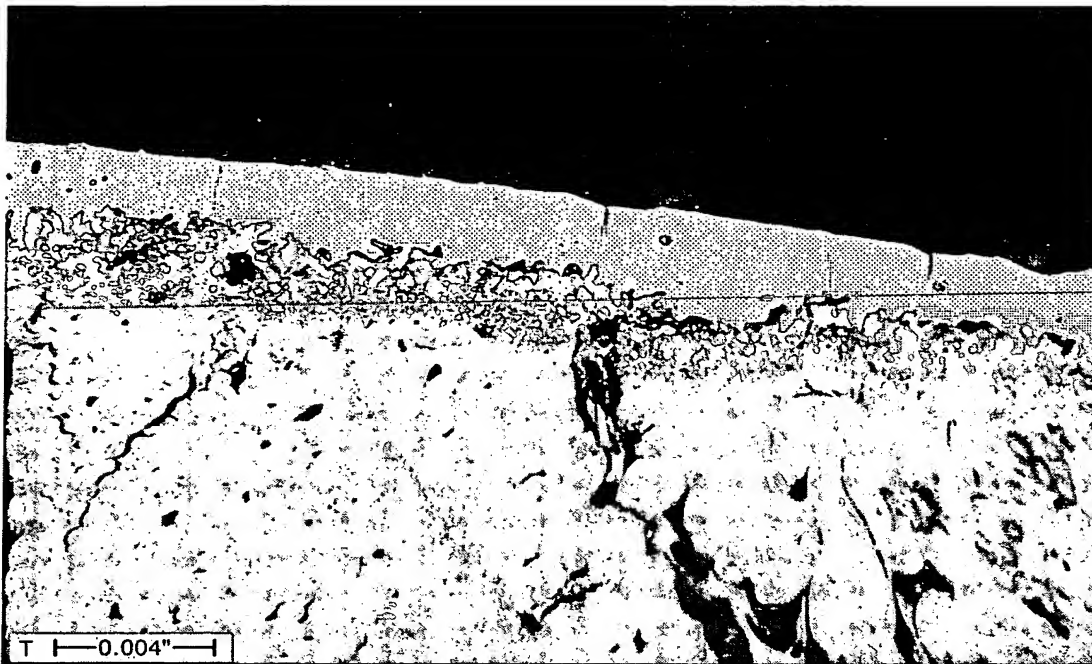


FIG. 3



Microphotograph of ruthenium infiltrated rhenium coating on carbon-carbon

FIG. 4

Re Ru

Re-Ru phase diagram.

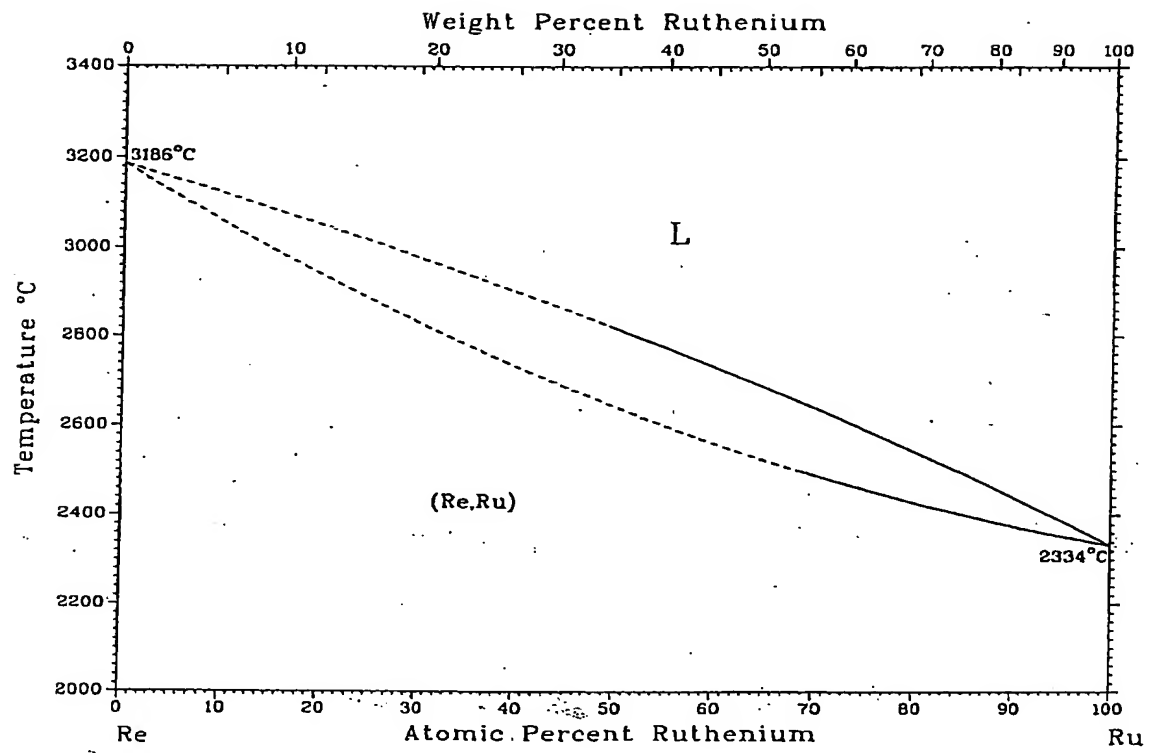


FIG. 5